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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,037	08/21/2003	Janani Janakiraman	AUS920030511US1	7340
35525	7590	10/31/2007		
IBM CORP (YA) C/O YEE & ASSOCIATES PC P.O. BOX 802333 DALLAS, TX 75380			EXAMINER ALBERTALLI, BRIAN LOUIS	
			ART UNIT 2626	PAPER NUMBER
			MAIL DATE 10/31/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/645,037	Applicant(s) JANAKIRAMAN ET AL.	
	Examiner Brian L. Albertalli	Art Unit 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 October 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 11-13 and 16-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-8 and 11-13 is/are allowed.
- 6) ☒ Claim(s) 16-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to the rejections of claims 16-18 under 35 U.S.C. 101 have been fully considered but they are not persuasive.

Claim 16 as amended is directed to "A computer readable medium having a computer program product tangibly encoded therein, wherein the computer program product is operable in a data processing system..." Applicant argues that this language meets the requirements of MPEP 706.3(a) and 2106. Applicant provides further arguments that claim 16, "comprises a computer program product, encoded in a computer readable medium".

First, with regard to the arguments that claim 16 is directed a computer program product encoded in a computer readable medium, it is noted that claims directed to the computer program product itself (i.e. computer code), even if claimed as being encoded in a computer readable medium, are not statutory. This is because the claims would then be encompassing the computer code itself, which is non-statutory. In contrast, a claimed computer-readable medium comprising code for causing a computer to perform functions may be statutory because, in this case, the claims would be directed to a statutory, physical computer readable medium (e.g. CD-ROM) which contains code for causing a computer to perform functions.

However, in this case, even though claim 16 is directed to a computer readable medium having a computer program product tangibly encoded therein, claim 16 is not statutory. This is because the specification defines a computer readable medium as

including “**recordable-type media**, such as a floppy disk, a hard disk drive, a RAM, CD-ROMs, DVD-ROMs” and “**transmission-type media**, such as digital and analog communications links, wired or wireless communications links using transmission forms, such as, for example, radio frequency and light wave transmissions”. Since the claimed “computer readable medium” encompasses transmission type media, claim 16 is non-statutory. These are examples of “signals”, per se, and are non-statutory. That is, a signal, as a form of energy, does not fall within one of the four statutory categories of invention (a process, machine, composition of matter, or manufacture).

Furthermore, while claim 16 is directed to “A computer readable medium”, claims 17 and 18 are directed to “The computer program product of claim 16...” This raises the question as to whether claims 16-18 are directed to the computer readable medium (the structure containing the code) or to the computer program product (the code itself).

Thus, for the reasons given above, the rejections of claims 16-18 under 35 U.S.C. 101 are maintained.

Allowable Subject Matter

Claims 1-8 and 11-13 are allowed.

The following is an examiner’s statement of reasons for allowance:

Independent claims 1 and 11 have been amended to require a user profile that identifies a target Indian language for transliteration and a look-up table comprising a plurality of different transliterations for a plurality of different Indian languages. While Davis et al. disclose a system capable of transliterating from non-Indian languages into

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Devangari (an Indian language), Davis et al. provide no teaching or suggestion of intra-Indian language transliteration. Further, the prior art of record does not teach or suggest the transliteration uses a look-up table that comprises a plurality of different transliterations for a plurality of different Indian languages.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian L. Albertalli whose telephone number is (571) 272-

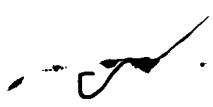
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7616. The examiner can normally be reached on Mon - Fri, 8:00 AM - 5:30 PM, every second Fri off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on (571) 272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BLA 10/22/07



DAVID HUDSPETH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER